



Application Note HTM 2030 Washer Disinfectors



T.E.S.T. & Cairn – Working Together

Compliance Testing

Hospital Technical Memorandum 2030 is designed to give guidance on the choice, specification, purchase, installation, validation, periodic testing, operation and maintenance of washer disinfectors (WDs) in use in the National Health Service for processing medical devices. This guidance is governed by the mandatory legislation for medical devices and medicinal products.

In order to demonstrate compliance with these regulations the Trust must carry out a series of testing protocols on mechanical aspects of the equipment and its performance against set microbiological performance criteria. Different tests are carried out or repeated on a weekly, quarterly and annual basis. The regimen for these tests is laid out in the HTM 2030 document and evidence based data should be generated to prove compliance with the prescribed testing parameters.

This testing is often offered as a maintenance contract by the manufacturer of the equipment. However this represents a conflict of interest between the reputation of the company and its product and the objective reporting of unbiased data.

The Cairn & T.E.S.T. Approach

Cairn Technology works in Partnership with T.E.S.T. medical to provide independent, scientific and accredited testing and validation services for the healthcare sector. Based on over 30 years combined experience in specialist testing services for healthcare, our service comprehensively meets all the requirements of the legislation and is flexible enough to work alongside 'in-house' hospital technicians and engineers.

Our qualified engineers visit your site and carry out a range of tests in strict accordance with the provisions of the HTM. Our accredited labs provide microbiological test reports on which our clinical experts provide practical feedback, problem solving and best practice advice.

Through dedication to innovation, the service offers unique testing capabilities which can be carried out remotely (i.e. postal Automatic Control Test; water sampling etc.), saving time and money on expensive site visits. A range of innovative products and tests have also been developed which allow a greater understanding of the efficacy of a WD. By looking above and beyond the current HTM, we offer real value and complete confidence in knowing that the machinery is running to its maximum potential and to the highest standards possible.

e.g.

- Fluid flow through channels
- Leak test pressure
- Fluid temperature
- Fluid contact time
- Electronic reporting in Windows based software
- Trend analysis

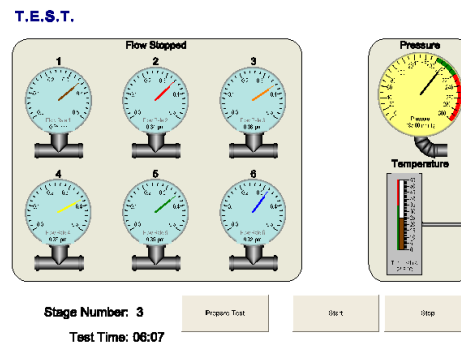


Fig 1. example of readout from innovative 'surrogate' endoscope showing fluid flow, temperature and pressure.

Conclusion

With a clear emphasis on patient and staff safety and wellbeing, our intention is to educate and advise our clients on the correct testing procedures, and through rigorous analysis, ensure that they are delivering on the requirements of the HTM. We are committed to adding value to our clients and promoting ever higher standards of performance and transparency wherever possible.

